

In the Claims:

1. (currently amended) A method for providing added utility to ~~at least one~~ a single video camera, said method comprising the steps of:

(a) manually aiming the video camera to capture a plurality of frames of video containing visually perceptible data;

(~~[[a]]~~b)sequentially capturing and storing ~~[[a]]~~ said plurality of frames of video containing visually perceptible data by the ~~at least one~~ video camera;

(~~[[b]]~~c)opening at least one channel of communication and transmitting therethrough said visually perceptible data;

(~~[[c]]~~d)receiving said plurality of frames of video containing visually perceptible data by at least one device capable of communication; and

(~~[[d]]~~e)processing said plurality of frames of video containing visually perceptible data so that the processed data acquires added utility;

wherein the ~~at least one~~ video camera is permanently attached to a cellular telephone;

and wherein said processing includes mosaicing followed by optical character recognition.

2. (original) The method of claim 1, wherein said visually perceptible data includes at least one item selected from the group consisting of at least a portion of a printed document, a bar-code and an image of at least a portion of a person.

3. (original) The method of claim 1, wherein said step of processing occurs during at least one time selected from the group consisting of prior to

transmitting through said at least one channel of communication, concurrent with transmission through said at least one channel of communication, and after transmission through said at least one channel of communication.

4. (original) The method of claim 1, wherein said at least one device capable of communication is at least one device selected from the group consisting of an internet server, a telephone, a cellular telephone, a smart phone, a personal computer and a web TV.

5. (original) The method of claim 1, wherein said step of processing also includes at least one sub-step selected from the group consisting of resolution enhancement, text to speech transformation, decoding of a barcode, recognition of at least a portion of a person, detection of visually perceptible motion, merging of at least two video streams, fusing of at least two images to create a panoramic image, adding at least one item of information pertaining to time and addition of visually perceptible features.

6. (original) The method of claim 5, employed to create a legible image of at least a portion of a document.

7. (original) The method of claim 5, wherein said sub-step of optical character recognition is employed to generate an editable text document from an image.

8. (withdrawn) The method of claim 5, wherein said sub-step of decoding of a barcode is employed to identify a product.

9. (withdrawn) The method of claim 5, wherein said sub-step of recognition of at least a portion of a person is employed to establish an identity of said person.

10. (withdrawn) The method of claim 5, wherein said sub-step of detection of visually perceptible motion is employed to identify important portions of said at least one frame of video.

11. (withdrawn) The method of claim 5, wherein said sub-step of merging of at least two data streams is employed to facilitate simultaneous display of said at least two data streams on a single display device.

12. (withdrawn) The method of claim 5, wherein said sub-step of addition of visually perceptible features is employed to perform an action selected from the group consisting of to advertise, to include additional items, to alter a color, to adjust brightness, to adjust contrast, to superimpose at least a portion of one frame of video upon at least a portion of a second frame of video and to alter a background.

13. (original) The method of claim 6, further comprising the step of transmitting said legible image of at least a portion of a document.

14. (original) The method of claim 7, further comprising transmission of said editable text document to at least one of said at least one device capable of communication.

15. (withdrawn) The method of claim 8, further comprising at least one additional step selected from the group consisting of:

- (e) conducting a search to determine at least one price of said product;
- (f) conducting a search to determine availability of said product; and
- (g) purchasing said product.

16. (withdrawn) The method of claim 9, further comprising the step of controlling access based upon said established identity.

17. (withdrawn) The method of claim 10, further comprising the step of taking at least one action selected from the group consisting of storing said important portions of said at least one frame of video, transmitting said important portions of said at least one frame of video to said at least one device capable of communication and issuing an alert.

18. (withdrawn) The method of claim 11, wherein said simultaneous display is used to facilitate a videoconference.

19. (currently amended) A system for providing added utility to ~~at least one~~ a single video camera, said system comprising:

(a) the ~~at least one~~ single video camera adapted to be manually aimed to capture sequentially a plurality of frames of video containing visually perceptible data and containing a memory device capable of at least transiently storing ~~[[a]]~~ said plurality of frames of captured video containing visually perceptible data ;

(b) at least one device capable of communication, said at least one device capable of communication being designed and configured for receiving said plurality of frames of video containing visually perceptible data, said at least one device capable of communication being further capable of opening at least one channel of communication and transmitting therethrough said visually perceptible data; and

(c) at least one processing device designed and configured to process the visually perceptible data by mosaicing followed by optical character recognition so that the processed data acquires added utility;

wherein the ~~at least one~~ video camera is permanently attached to a cellular telephone.

20. (original) The system of claim 19, wherein said visually perceptible data includes at least one item selected from the group consisting of at least a portion of a printed document, a bar-code and an image of at least a portion of a person.

21. (currently amended) The system of claim 19, wherein said at least one processing device processes said plurality of frames of video containing visually perceptible data in at least one location selected from the group consisting

of in the ~~at least one~~ video camera and in at least one of said at least one device capable of communication.

22. (original) The system of claim 19, wherein said at least one device capable of communication includes at least one device selected from the group consisting of an internet server, a telephone, a cellular telephone, a smart phone, a personal computer and a web TV.

23. (original) The system of claim 19, wherein said processing device also performs at least one process selected from the group consisting of resolution enhancement, text to speech transformation, decoding of a barcode, recognition of at least a portion of a person, detection of visually perceptible motion, merging of at least two data streams, fusing of at least two images to create a panoramic image, adding at least one item of information pertaining to time, and addition of visually perceptible features.

24. (original) The system of claim 23, wherein a legible image of at least a portion of a document is created.

25. (original) The system of claim 23, wherein an editable text document is generated from an image by optical character recognition.

26. (withdrawn) The system of claim 23, wherein decoding of a barcode is employed to identify a product.

27. (withdrawn) The system of claim 23, further comprising a searchable database of images of at least a portion of a person, said database employable to establish an identity of said person.

28. (withdrawn) The system of claim 23, wherein detection of visually perceptible motion is employed to identify important portions of said at least one frame of video.

29. (withdrawn) The system of claim 23, wherein merging of at least two data streams is employed to facilitate simultaneous display of said at least two data streams on a single display device.

30. (withdrawn) The system of claim 23, wherein addition of visually perceptible features is employed to perform an action selected from the group consisting of to advertise, to include additional items, to alter a color, to adjust brightness, to adjust contrast, to superimpose at least a portion of one frame of video upon at least a portion of a second frame of video and to alter a background.

31. (original) The system of claim 24, further comprising the step of transmitting said legible image of at least a portion of a document.

32. (original) The system of claim 25, further comprising transmission of said editable text document to at least one of said at least one device capable of communication.

33. (withdrawn) The system of claim 26, further comprising a searchable database for determining price and availability of said product.

34. (withdrawn) The system of claim 33, further comprising a mechanism for facilitating purchase of said product.

35. (withdrawn) The system of claim 27, further comprising a mechanism for controlling access based upon said established identity.

36. (withdrawn) The system of claim 28, further comprising at least one item selected from the group consisting of a memory device designed and configured for storing said important portions of said at least one frame of video, a mechanism for selectively transmitting said important portions of said at least one frame of video to said at least one device capable of communication and a mechanism for issuing an alert.

37. (withdrawn) The system of claim 29, wherein said simultaneous display is used to facilitate a videoconference.

38. (original) The method of claim 1, wherein said processing includes resolution enhancement between said mosaicing and said optical character recognition.

39. (original) The system of claim 19, wherein said at least one processing device processes the visually perceptible data by said mosaicing

followed by resolution enhancement followed by said optical character recognition.